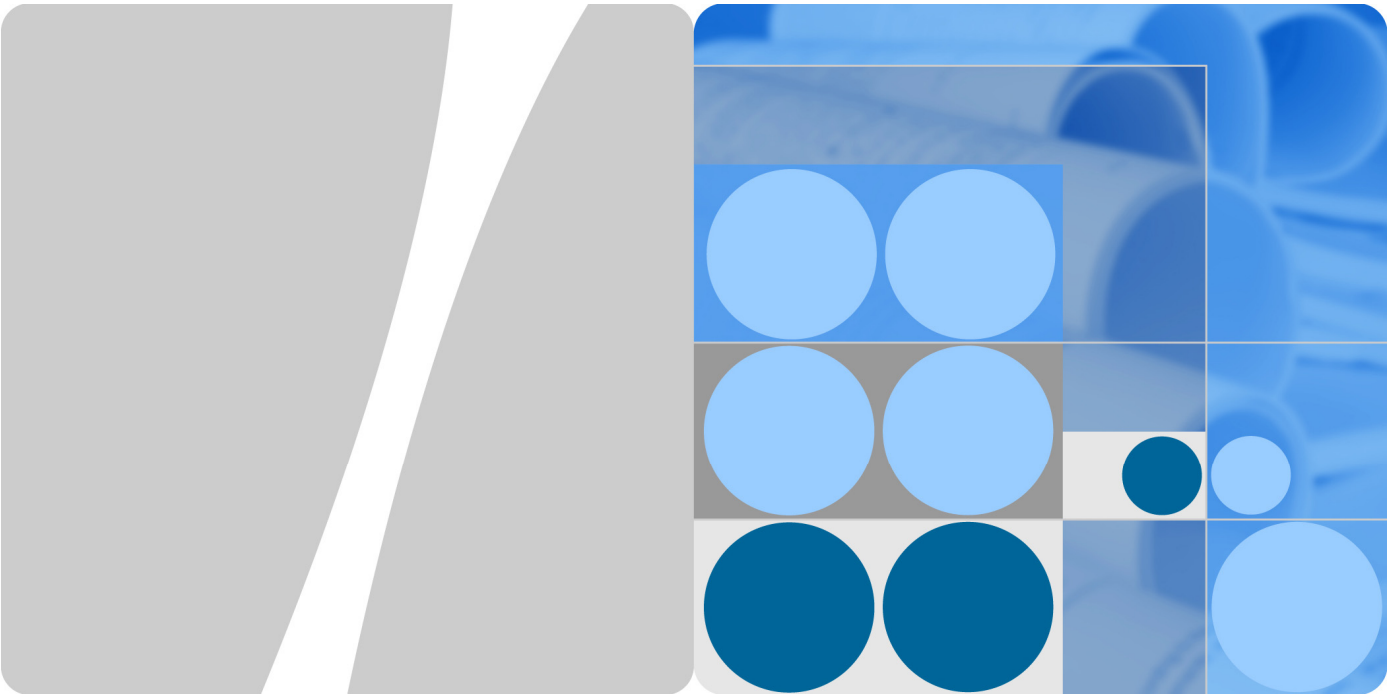

HUAWEI Ascend Y300 Smart Phone
V100R001
Product Description

Issue 02

Date 2012-11-06

HUAWEI TECHNOLOGIES CO., LTD.

Copyright © Huawei Technologies Co., Ltd. 2012. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

Trademarks and Permissions

and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

Author: Lu xiaoguang

Approved by: Li yin

Contents

1 Product Overview 1
1.1 Introduction 1
1.2 Appearance of HUAWEI Ascend Y300 1
2 Technical Specifications 2
2.1 Hardware 2
2.2 Software 4
2.3 Function Features 5
2.4 Packing List 6

Copyright © Huawei Technologies Co., Ltd.

1 Product Overview

1.1 Introduction

HUAWEI Ascend Y300 is a smart phone developed by HUAWEI. It is based on Google Android™ 4.1 Operating System. They give you an excellent browsing with the Operating System from Google™, all in a thin touch phone.

- Android 4.1
- 4.0-inch touch screen supporting auto rotation
- 5 MP auto focus camera
- Wi-Fi 802.11 b/g/n
- Bluetooth 2.1 A2DP
- GPS/AGPS
- 1.0 GHz Dual core
- G-sensor
- Proximity sensor for auto turn-off
- Ambient light sensor for auto light adjusting

Copyright © Huawei Technologies Co., Ltd.

1.2 Appearance of HUAWEI Ascend Y300

Copyright © Huawei Technologies Co., Ltd.

2 Technical Specifications

2.1 Hardware

Table 2-1 Hardware Specifications

Item	Specifications
Shape	Bar-type
LCD	• Size: 4.0 inch • Type: TFT-LCD screen • Color: 16M(24-bit) colors • Resolution: 800×480
Dimensions	124.5mm(L) × 63.8mm(W) × 11.2mm(T)
Weight	About 130g (including the battery)
Frequency band	Y300-0100 • WCDMA 2100MHz: 1920–1980MHz (UL), 2110–2170MHz (DL) • WCDMA 900MHz: 880–915MHz (UL), 925–960MHz (DL) • GSM 850MHz: 824–849MHz (UL), 869–894MHz (DL) • GSM 900MHz: 880–915MHz (UL), 925–960MHz (DL) • GSM 1800MHz: 1710–1785MHz (UL), 1805–1880MHz (DL) • GSM 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL) Y300-0151 • WCDMA 2100MHz: 1920–1980MHz (UL), 2110–2170MHz (DL) • WCDMA 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL) • WCDMA 850MHz: 824–849MHz (UL), 869–894MHz (DL) • GSM 850MHz: 824–849MHz (UL), 869–894MHz (DL) • GSM 900MHz: 880–915MHz (UL), 925–960MHz (DL) • GSM 1800MHz: 1710–1785MHz (UL), 1805–1880MHz (DL) • GSM 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL)

Copyright © Huawei Technologies Co., Ltd.

Item	Specifications
Maximum transmit power	• WCDMA: +24dBm +1/-3dBm (Power Class 3) • GSM/GPRS 850/900MHz: 33dBm+/-2dBm (Power Class 4) • GSM/GPRS 1800MHz/1900MHz: 30dBm+/-2dBm (Power Class 1)
Static sensitivity	• WCDMA 850MHz: better than –104.7dBm/3.84MHz • WCDMA 900MHz: better than –103.7dBm/3.84MHz • WCDMA 1900MHz: better than –104.7dBm/3.84MHz • WCDMA 2100MHz: better than –106.7dBm/3.84MHz • GSM 850/900/1800/1900MHz: better than –102dBm/200kHz
Network rate	• WCDMA: 384Kbit/s (UL), 384Kbit/s (DL) • HSDPA: 7.2 Mbit/s • HSUPA: 5.76Mbit/s • GPRS/EDGE: 118.4Kbit/s (UL), 236.8Kbit/s (DL)
SIM/USIM card interface	Standard 6-pin SIM card interface, supporting the 1.8/3V USIM card
External interface	Standard Micro USB, microSD Card slot, 3.5 mm headset
External memory support	microSD Card (up to 32GB)
Processor	Qualcomm® MSM8225™, 1.0 GHz Dual core
Memory	• ROM: 4GB • RAM: 512MB • Flash User Available: 1GB
Device control	Illuminated capacitive soft keys with haptic feedback Physical Power and Volume key
GPS	GPS/AGPS
Temperature	Operating temperature: 0℃ ~ +45℃ Warehouse temperature: -20℃ ~ +50℃
Battery	• Capability: 1730 mAh • Standby time (Depends on the user operation and network condition): Up to 320 hours (2G); Up to 320 hours(3G) • Talking time (Depends on the user operation and network condition): Up to 320 mins (2G); Up to 320 mins (3G) • Charging Time: 4 hours from supplied charger
Relative humidity	Working: 5% ~ 95%
Camera	Main camera:5M AF Secondary camera:0.3M FF
Bluetooth	Bluetooth 2.1 EDR

Copyright © Huawei Technologies Co., Ltd.

Item	Specifications
Wi-Fi	802.11b/g/n
USB	USB2.0 High Speed
Power supply	100V–240V, 50/60Hz, 550mA
Certification	FCC, CE, GCF, BQB, WI-FI, WHQL, RoHS, DLNA
Sensor	• Accelerometer • Proximity sensor • Ambient light sensor

2.2 Software

Table 2-2 Software Specifications

Item	Specifications
Operating system	Android™ 4.1
Input method	HUAWEI IME
Browser	Android Native Browser
Voice codec	• WCDMA: AMR-NB • GSM/GPRS: FR/EFR/HR/AMR-NB
Messaging	• SMS • MMS
Email	POP3/IMAP/Exchange
Multi-media	• Audio Codec: MP3, MIDI, AMR-NB, AAC, AAC+, eAAC+ • Video Codec: H.263, H.264, MPEG-4 • File Format: *.mp3, *.wav, *.ogg, *.mid, *.amr, *.mp4, *.3gp • Image Codec: PNG, GIF (Static only), JPEG, BMP • Image File Format: *.png, *.gif (Static only), *.jpg, *.bmp
Streaming media	• Audio Codec: AMR-NB, AAC, AAC+, eAAC+ • Video Codec: H.263, H.264, MPEG-4 • File Format: *.mp4, *.3gp
USB function	• Mass Storage • USB Tethering • Charging
STK/USAT	Support STK/USAT

Copyright © Huawei Technologies Co., Ltd.

Item	Specifications
Camera & Video resolution	5.0MP: • Photo: Up to 2560×1536 • Video: Up to 1280×720
Photo and video	• Capture File Format: *.jpg • Recording File Format: *.mp4

2.3 Function Features

Table 2-3 Function Features

Item	Specifications
Home screen	HUAWEI Home Screen
Tools	Calculator/Notepad/Clock/Gallery/Calendar/FM Radio
Call services	Voice call Supplementary Services Voice mail
Google mobile suite	Availability of Google applications, services, and features may vary according to your country or carrier. • Google Mail • Google Search & Search by voice • Google Talk • Google Maps • Google Calendar • Google News & Weather • YouTube • Play Store
Digital compass	Support digital compass based on Android
Feature applications	All Backup, Wi-Fi Manager, Huawei IME, File Manager, Weather Clock, Huawei Music, Contacts Import, Power Saving Mode, Huawei Widget, Emotion UI 1.0，DLNA

Copyright © Huawei Technologies Co., Ltd.

2.4 Packing List

Table 2-4 Packing List

Number	Item	Quantity	Remark
1	Handset	1	Standard
2	Battery	1	Standard
3	Charger	1	Standard
4	USB cable	1	Standard
5	Quick Start Guide	1	Standard
6	Headset	1	Standard
7	microSD card	1	Optional
8	Certificate of Qualification	1	Optional

Copyright © Huawei Technologies Co., Ltd.